

City of Springfield, Missouri

SMOKE TEST

Date: 6, 6, 97 Line Segment: (JCH) N21NW024 to (JCH) N21NW025
 Temperature (°F): 4 1 = 110-90 2 = 89-80 3 = 79-70 4 = 69-0 Crew: GW # C
 Ground Conditions: 7 1=Dry 2=Moist 3=Wet 4=Saturated Precipitation: 7 1=Dry 2=Drizzle 3=Rain
 Last Rain Event: 5, 30, 97 Total Footage: 228 228 BT Pipe Diameter: XUCP Measurement Type: 1
 Comments: _____
 1=Field Measurement
 2=Sta. 3=Scaled

PART A: PRIVATE SECTOR

Smoke Bldg. Defect Defect No. No.	Address	Defect Type	Trib.Area (sq.ft.)	Smoke Intensity	Comments:
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					

- Defect Types:
- 1 = Downspout
 - 2 = Uncapped Cleanout
 - 3 = Driveway Drain
 - 4 = Stairwell Drain
 - 5 = Foundation Drain
 - 6 = Area Drain
 - 7 = Defective Service
 - 8 = Window Well Drain
 - 9 = Plumbing Defect
- Smoke Intensity:
- 1 = Light
 - 2 = Medium
 - 3 = Heavy

PART B: PUBLIC SECTOR

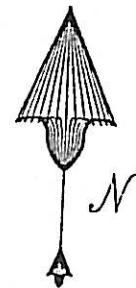
Defect No.	Footage (0=DS MH)	Defect Type	Trib.Area (sq.ft.)	Smoke Intensity	DYE WATER TEST				Date:	Comments:
S	<u>228</u>	<u>2</u>	<u>1,000</u>	<u>2</u>	Dye Tested	Positive	Yes	No	S	<u>7, 21, 97</u>
T	<u>197 228</u>	<u>2</u>	<u>1,000</u>	<u>2</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
U	<u>193 228</u>	<u>1</u>	<u>999,999</u>	<u>2</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
V			<u>4412</u>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
W					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
X					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Y					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Z					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

- Defect Types:
- 1 = Curb Inlet
 - 2 = Area Drain
 - 3 = Line Defect
 - 4 = Indirect Storm
 - 5 = Manhole Defect
 - 6 = Drainage Crossing
 - 7 = Water Valve
 - 8 = Direct Storm

- Smoke Intensity:
- 1 = Light
 - 2 = Medium
 - 3 = Heavy

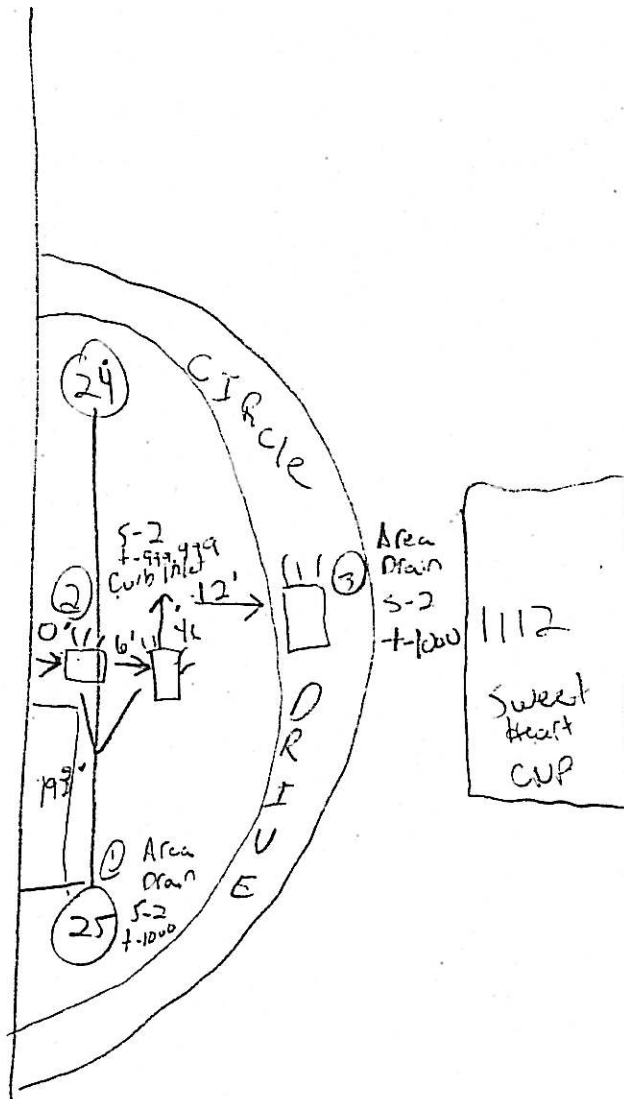
Additional Comments: NON 129

Smoke Test Diagram



N21NW

Glenstone Ave.



City of Springfield, Missouri

SMOKE PHOTO

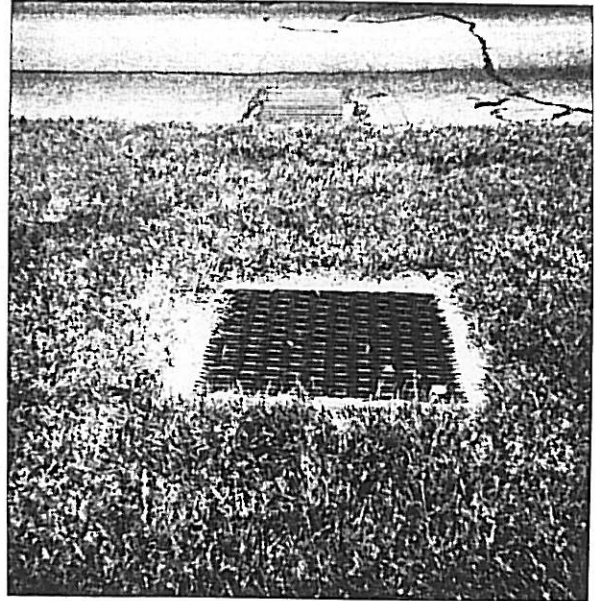
Date: 6.6.97

Line Segment: (JC14) N21NW024
upstream

to (JC14) N21NW 025
downstream



JC14 N21NW025
N21NW024
1112 N. GLENSTONE
AVE
AREA DRAIN
S-2
T-1000
239' FROM DOWNSTREAM



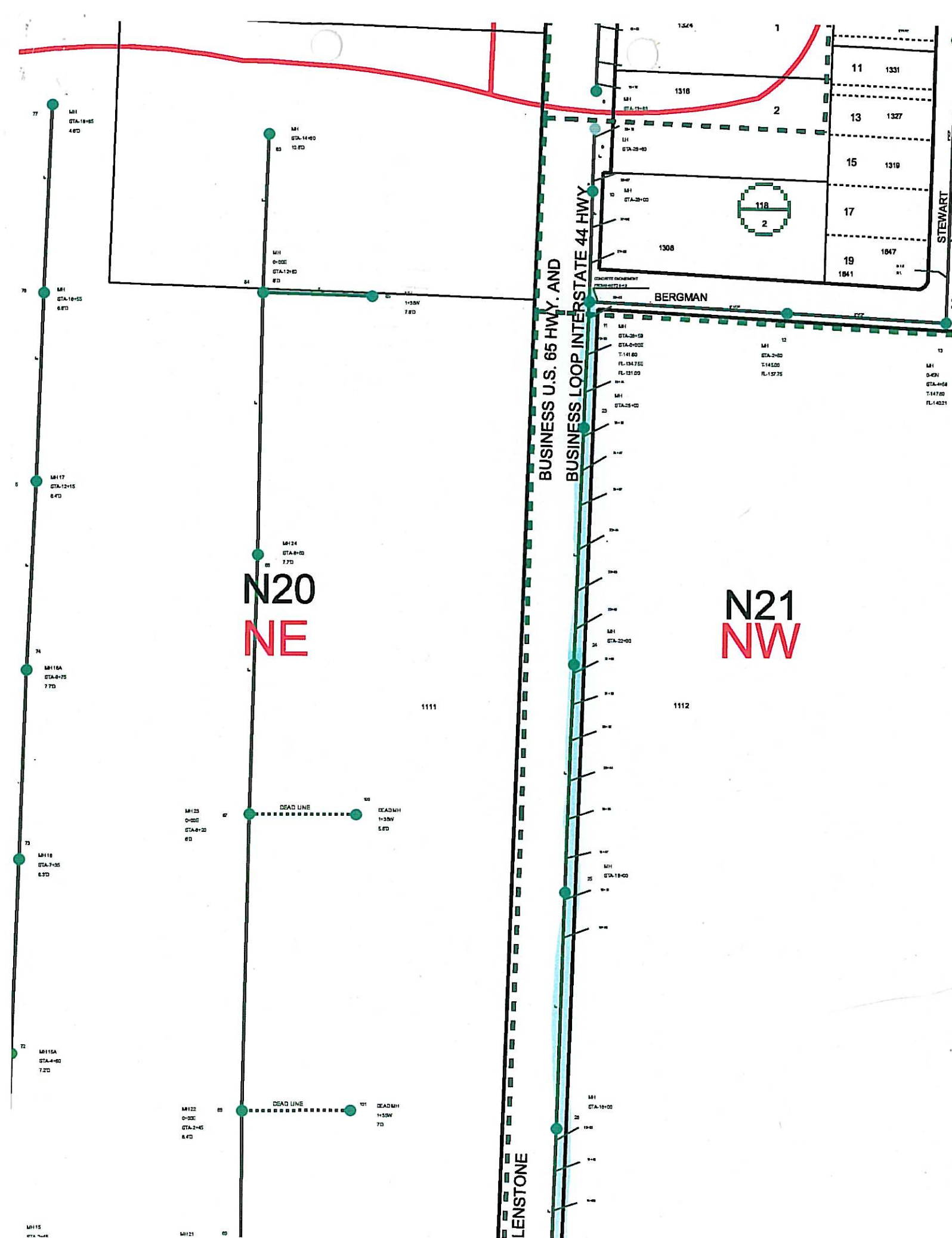
JC14 N21NW025
N21NW024
1112 N. GLENSTONE
AVE.
AREA DRAIN
S-2
T-1000
193' FROM DOWN
STREAM

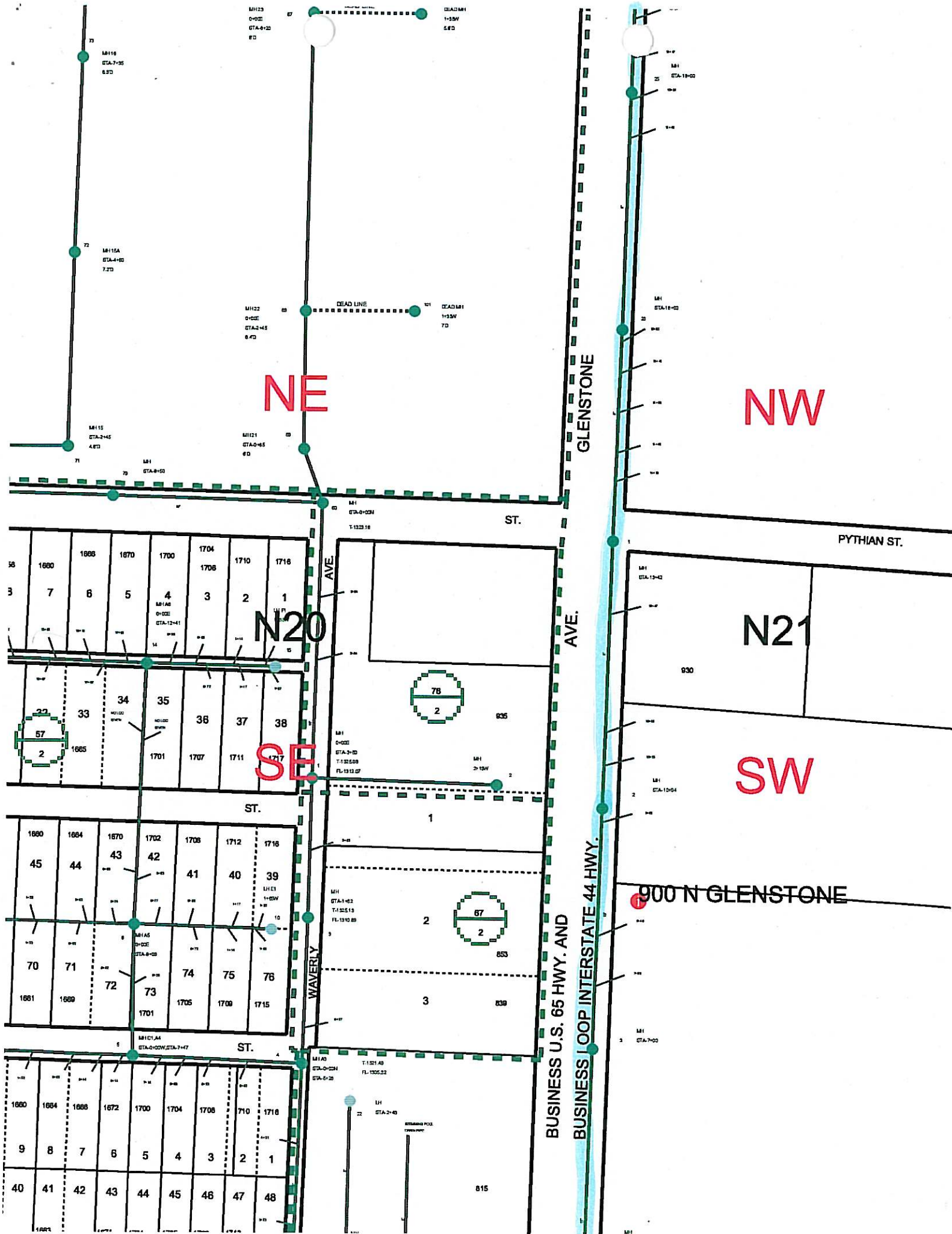


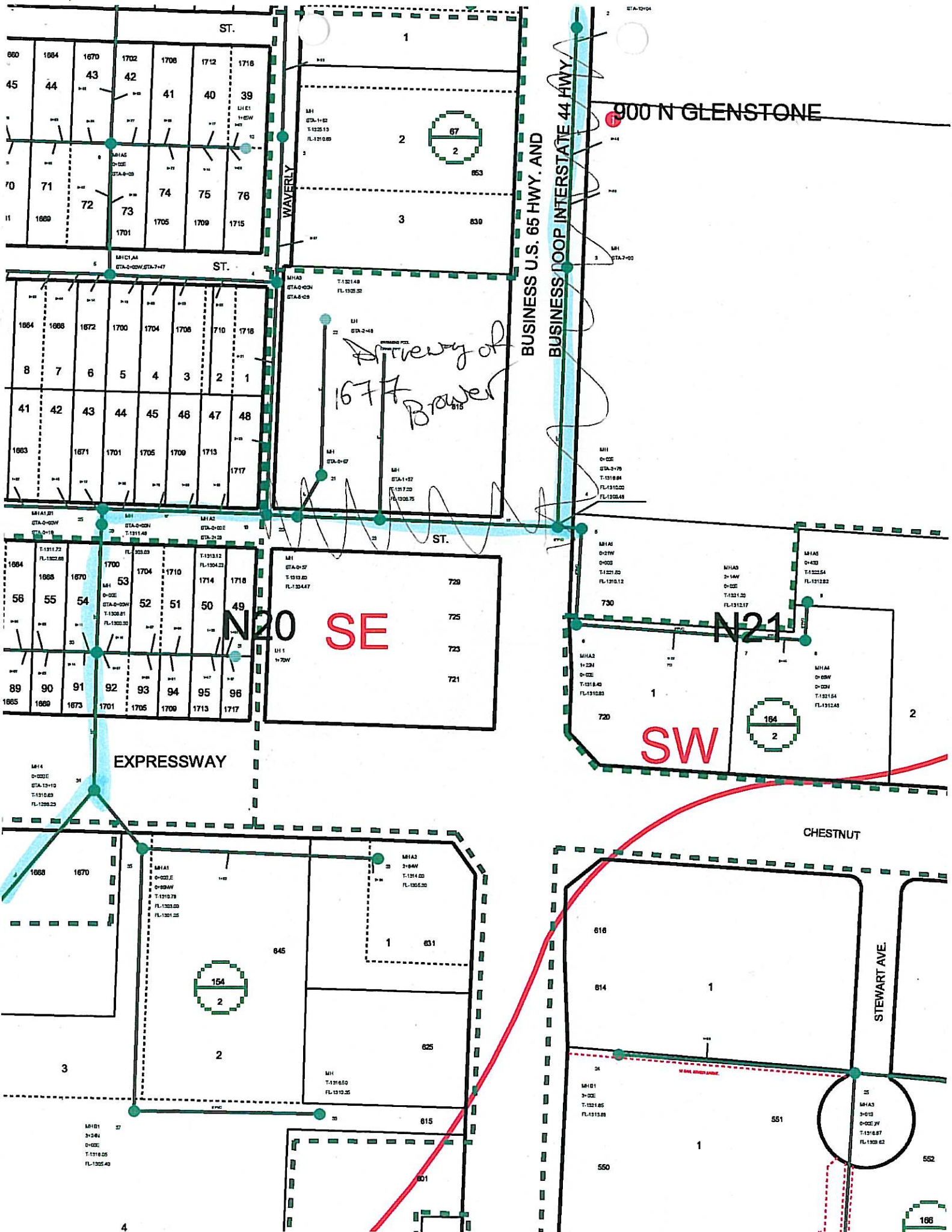
N21NW025
N21NW024
1112 N. GLENSTONE
AVE.
CURB INLET
S-2
T-999,999
193' FROM DOWNSTREAM

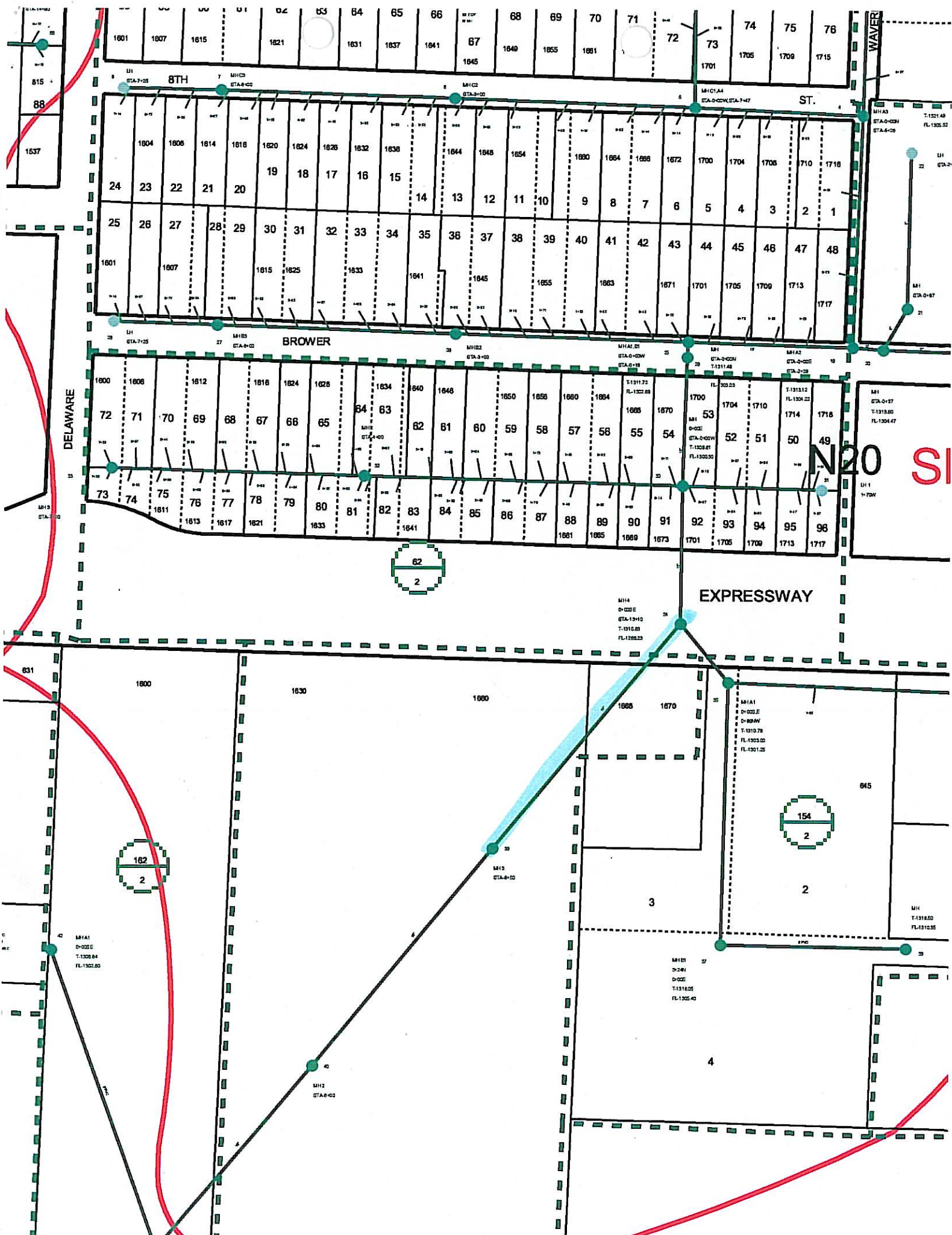
JUN 9 1997

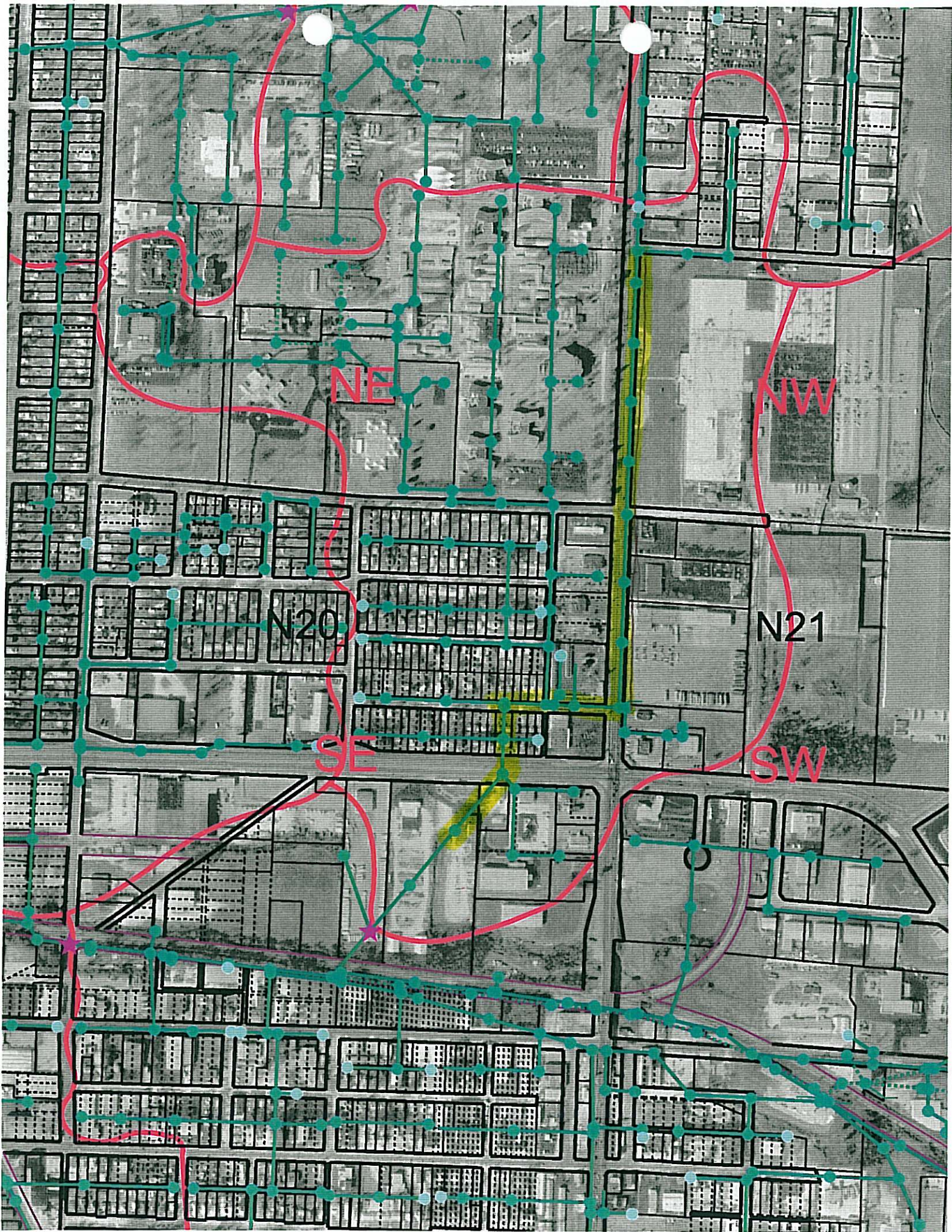
Revised Date: 06/10/06

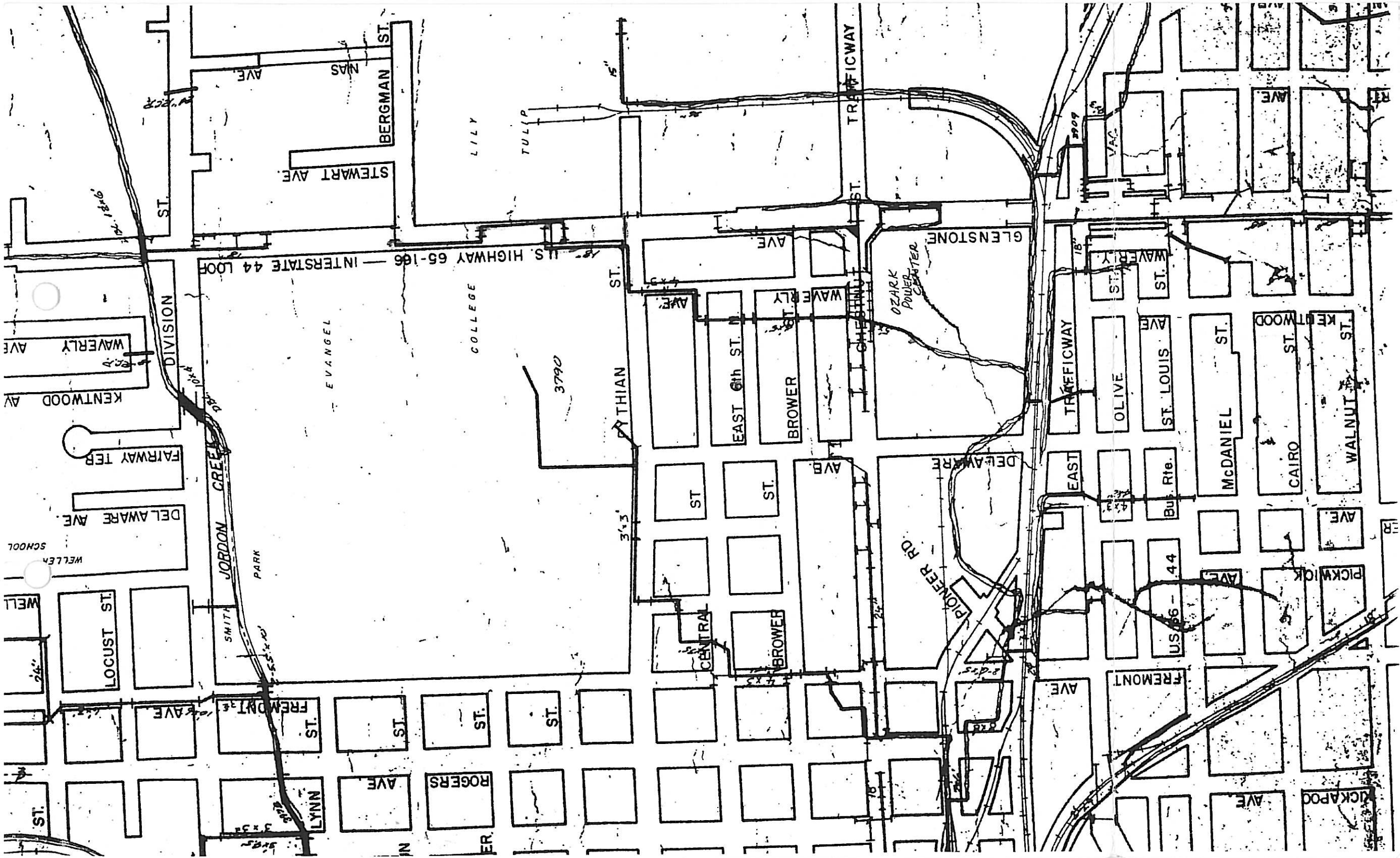












70% BOB SCHAEFER

Memo

To: File - Sweetheart Cup
From: Gene Pabst
Date: August 2, 2000
Subject: Red flow in South Jordan Creek

On August 2, 2000, at approximately 10:15 A.M., this office received a call from Bob Schaefer stating that Channel 10 TV News had just called him and said South Jordan Creek was red at Conco Cement Company. I immediately went to the storm box opening at Ozark Power Center to look at the water at that location. The water appeared to be a slight red color. There was a red scum on the water around some rocks. I took a sample of the water and scum. The sample of the water appeared to be a purple color. The scum made a purple coating on the bottle. I then went to Sweetheart Cup. I took a sample of the water being discharged to the storm sewer from the grate in their front parking lot. The water did not have any color to it. The scum on the bottom of pipe appeared to me to have a purple tint to it. Karen Chandler went in to get the Plant Engineer. The plant engineer did not think the problem was theirs. We discussed the problem with them and told them that we thought it was coming from them. We also told them that water goes through the proposed Jordan Valley Park and that having a problem like this would not be good. We looked in their storm sewer manhole at the Southwest corner of their building. The water appeared to be clear. Karen tried to get a sample of the scum on the bottom of the pipe. The scum appeared to Karen and I to be purple in color. We told them that we would go back to our office and look at the map we made when we did a dye test at their facility. We thought we might be able to come up with something by looking at this map. We told the Sweetheart personnel that we would call them around 1:00 P.M. and bring over a copy of our dye test map for them to review. I then checked the creek in the following locations:

- 11:45 A.M. Checked South Jordan Creek at Fremont St. The water had a light purple tint to it and there was some scum on the water around the rocks and brush.
- 11:50 A.M. South Jordan Creek had red/purple tint at National St.
- 11:53 A.M. South Jordan Creek had a purple tint at J.Q. Hammons Blvd.
- 11:55 A.M. South Jordan Creek had a red/purple tint to it at Washington St. I took a sample of the water.

12:00 A.M. South Jordan Creek had a red/purple tint to it at Main St.

12:05 A.M. South Jordan Creek had a red/purple tint to it at Fort St. There were fish swimming in the water at this location.

12:07 A.M. South Jordan Creek has clear at Walnut St.

Karen Chandler met with Sweetheart Cup personnel at 1:15 P.M. They reviewed the City dye trace map. Sweetheart made a copy of the map so they could go through their plan with the map. Sweetheart Cup was also going to set up their automatic sampler to see if they could catch any discharge to the storm that might have color to it.

At 3:40 P.M. Randy Lyman and I checked the City sanitary sewer above Sweetheart Cups storm water discharge along Glenstone St. There was no evidence that the City sanitary sewer had backed up.

BROWER ST

N20SE 009 - 005 - NO defects
034 - 039 - NO defects
023 - 020 - NO defects
020 - 019 - NO defects

Chestnut St.

N20SE 033 - 032 - NO Defects
032 - 030 - Plumbing defect
031 - 030
030 - 034
034 - 039 } NO defects

Glenstone Ave

N21SW 001 - 002 - Defect Sew
002 - 003 -
003 - 004 -
004 - ^{N20}_{SE} 023 - } NO defects

Bergman & Glenstone

N21NW 011 - 023 } NO
023 - 024 } defects
024 - 025 - Curb Inlet / Area drain
025 - 026
026 - ^{N21SW}₀₀₁ } NO defects

(JC14)

Central St

N20SE 018^L - 017 - uncapped c/o
017 - 016 - uncapped c/o
016 - 014 - uncapped c/o
015^L - 014 - NO DEFECTS
014 - 009 - NO Defects

8th ST

N20SE 008^L - 007 - NO Defects
007 - 006 - MH - uncapped c/o - DEFECT SERV -
PLUMBING DEF.
006 - 005 - MH defect
005 - 004 - NO defects
004 - 019 - uncapped c/o

BROWER ST

N20SE 028^L - 027 - uncapped c/o
027 - 026 - MH defect
026 - 025 - Plumbing defect
019 - 025 - NO defect
025 - 029 -
029 - 030 -
030 - 034 -
- 033 - 032 -
- 032 - 030 - Plumbing defect
- 031^L - 030 - NO defects
013^L - 012 -
012 - 011 - Defect Service
011 - 009 - NO Defects
010^L - 009 -

cheatnut
St.

